

U.S. ENVIRONMENTAL PROTECTION AGENCY  
 POLLUTION/SITUATION REPORT  
 Flint Drinking Water Response



*EPA staff cleaning lead service line lead pipe*

**Subject:** Situation Report #47  
 Flint Drinking Water Response, Flint, MI  
**To:** Flint Drinking Water Response Distribution List  
**Through:** Mark Durno, Unified Command Liaison  
**From:** Ann Whelan, Situation Unit Leader  
**Date:** 3/9/16  
**Reporting Period:** 3/8/16, 1500 hours – 3/9/16, 1500 hours

**Introduction:** The EPA has deployed a team to assist with the Flint Drinking Water Response. HHS is the lead agency for the response. EPA is part of a Unified Coordination Group with ASPR, CDC, and FEMA. *For Leadership and Operational Objectives, please see Situation Reports 1-40.*

Unified Command Post ----- 125 E. Union Street, Flint, MI

EPA Incident Command Post and Staging-- Kettering University, 1300 Bluff Street, Flint MI

## 1. Activities During Reporting Period

### 1.1 Unified Coordination Group and Water Quality Task Force

- Continue planning for March 12<sup>th</sup> Informational Open House.
- The second lead service line was excavated for scale analysis. The lead pipe had a 1 ½" inside diameter, 2 ¼" outside diameter. Staff researched locations for lead service line removal later in the week.
- Conducted Unified Coordination Group weekly planning specific meetings (tactics, planning, matrix review).
- Continued planning efforts for Legionella and water system optimization coordination.

### 1.2 Community Involvement and Public Information Office

- Updated sample schedule and scheduled appointments for Water Sampling Team
- Conducted a radio interview with Dr. Valencia Battle, 1420 AM (Gospel Talk) about EPA activities and encouraged people to attend the March 12<sup>th</sup> Informational Open House.
- Worked with Cumulus radio to air PSA on their network
- Attended Flint Riverfront Restoration Summit

	Locations Attempted	Locations Contacted	Fact Sheets Dropped	CIC Speaker Requests
Daily	44	28	6450	

### 1.3 Water Sampling Team

The Water Sampling Team performs diagnostic home investigations during sampling events to determine possible sources of lead contamination. Sampling investigations include residual chlorine sampling. Each sequential sampling investigation includes up to (21) 1-liter samples and up to (4) 125-milliliter samples; each grab sample investigation includes up to (3) 1-liter samples.

Residential Drinking Water Samples Collected					
	Filter Grab Samples	Sequential Samples	Health Complaint Samples	Bacteria	Total Bottles Collected
Daily	3	0	1	0	18
Total to Date	220	102	54	14	~2,806

### 1.4 Office of Research and development/Office of Water - Water Assessment

Residual chlorine is sampled Monday to Wednesday biweekly. Samples are taken from a wide geographical area and from all sizes of pipe. 24 chlorine residuals samples are collected and combined with 10 chlorine residual data points collected by the water utility. In addition to chlorine, EPA started the first round of Total Trihalomethane sampling. This sampling will be done monthly until summer when it may change depending upon how the weather affects the results.

## 2. Staffing/Personnel

	On Site	Demobilized	Checked In
EPA	36	6	4
Contractors	0	0	0
Total	36	6	4

## 3. Acronym List

Acronym	Definition
ASPR	Assistant Secretary for Preparedness and Response
CDC	Centers for Disease Control
EPA	United States Environmental Protection Agency
FEMA	Federal Emergency Management Agency
HHS	Department of Health and Human Services
MDEQ	Michigan Department of Environmental Quality
MDHHS	Michigan Department of Health and Human Services

## Appendix A: Organizational Chart

